

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)












Docket Number (Optional)

IPT-060.02







Application Number

09/292,411

Applicant
Payne et alFiling Date
April 15, 1999Group Art Unit
1645**U.S. PATENT DOCUMENTS**




EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA 5,539,132	07.23.96	Royer et al.	—	—	
	BB 5,614,551	03.25.97	Dick et al.	—	—	
	BC 5,759,837	06.02.98	Kuhajda et al.	—	—	
	BD 5,965,402	10.12.99	Black et al.	—	—	
	BE 6,228,619	05.08.01	Foster et al.	—	—	
	BF 6,274,376	08.14.01	Black et al.	—	—	
	BG 6,380,370	04.30.02	Doucette-Stamm et al.	—	—	
	BH 6,403,337	06.11.02	Bailey et al.	—	—	
	BI 6,432,670	08.13.02	Payne et al.	—	—	
	BJ US 2002/0076766	06.20.02	Black et al.	—	—	
	BK 6,593,114	07.15.03	Kunsch et al.	—	—	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	CA DE 26 20 777	12.01.77	Germany	—	—		
	CB JP 10-174590	06.30.98	Japan	—	—		
	CC 0 826 774 A2	04.03.98	EPO	—	—		
	CD 0 78 6519 A2	07.30.97	EPO	—	—		
	CE WO 97/30070	08.21.97	PCT	—	—		
	CF WO 97/30149	08.21.97	PCT	—	—		

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

	FA	Bergler et al., "Protein EnvM is the NADH-dependent Enoyl-ACP Reductase (FabI) of <i>Escherichia coli</i> ", <i>The Journal of Biological Chemistry</i> , Vol. 269, No. 8, pp 5493-5496 (1994).
	FB	Bergler et al., "Sequences of the <i>envM</i> gene and of two mutated alleles in <i>Escherichia coli</i> ", <i>Journal of General Microbiology</i> (1992), 138, pp. 2093-2100.
	FC	Broadwater et al., "Spinach Holo-Acyl Carrier Protein: Overproduction and Phosphopantetheinylation in <i>Escherichia coli</i> BL21(DE3), <i>In Vitro</i> Acylation, and Enzymatic Desaturation of Histidine-Tagged Isoform I", <i>Protein Expression and Purification</i> 15, 314-326 (1999).

EXAMINER

MARK NAVARRO

DATE CONSIDERED

12/4/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)
Docket Number (Optional)
IPT-060.02Application Number
09/292,411Applicant
Payne et alFiling Date
April 15, 1999Group Art Unit
1645**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
~	CG	WO 00/70017	11.23.00	PCT	—	—	
~	CH	WO 01/30988	05.03.01	PCT	—	—	
~	CI	WO 01/48248	07.05.01	PCT	—	—	
~	CJ	WO 02/31128	04.18.02	PCT	—	—	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

~	FD	Edwards, et al., "Cloning of the <i>fabF</i> gene in an expression vector and in vitro characterization of recombinant <i>fabF</i> and <i>fabB</i> encoded enzymes from <i>Escherichia coli</i> ", <i>FEBS Letters</i> , 402:62-66 (1997).					
~	FE	Grassberger et al., "Preparation and Antibacterial Activates of New 1,2,3-Diazaborine Derivatives and Analogues", <i>Journal of Medicinal Chemistry</i> , 1984. Vol. 24, No. 8, pp. 947-953.					
~	FF	Gronowitz et al., "Antibacterial borazaro derivatives", <i>Acta Pharm. Suecica</i> 8, pp. 377-390 (1971).					
~	FG	Heath et al., "Enoyl-Acyl Carrier Protein Reductase (<i>fabI</i>) Plays a Determinant Role in Completing Cycles of Fatty Acid Elongation in <i>Escherichia coli</i> ", <i>The Journal of Biological Chemistry</i> , Vol. 270, No. 44, pp. 26538-26542 (1995).					
~	FH	Heath et al., "Regulation of Fatty Acid Elongation and Initiation by Acyl-Acyl Carrier Protein in <i>Escherichia coli</i> ", <i>The Journal of Biological Chemistry</i> , Vol. 271, No. 4, pp 1833-1836 (1996).					
~	FI	Lam et al., "Effect of diazaborine derivative (Sa 84.474) on the virulence of <i>Escherichia coli</i> ", <i>Journal of Antimicrobial Chemotherapy</i> (1987) 20, pp. 37-45.					
~	FJ	Lambalot, et al., "Cloning, Over production, and Characterization of the <i>Escherichia coli</i> Holo-acyl Carrier Protein Synthase", <i>The Journal of Biological Chemistry</i> , Vol. 270, No. 42, pp. 24658-24661 (1995).					
~	FK	Ngo et al., "Computational complexity, protein structure prediction, and the Levinthal paradox", Chapter 14 in 'The Protein Folding Problem and Tertiary Structure Prediction', Merz et al. (eds.), Birkhauser: Boston, MA, pp. 433 & 492-495.					
~	FL	Rock et al., "Preparative Enzymatic Synthesis and Hydrophobic Chromatography of Acyl-Acyl Carrier Protein", <i>The Journal of Biological Chemistry</i> , 254(15): 7123-7128 (1979).					

EXAMINER

DATE CONSIDERED

MARK NAVARRO

12/4/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Form PTO-1449

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)
Docket Number (Optional)
IPT-060.02Application Number
09/292,411Applicant
Payne et alFiling Date
April 15, 1999Group Art Unit
1645**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS*(Including Author, Title, Date, Pertinent Pages Etc.)*

~	FM	Rock et al., "Acyl Carrier Protein from <i>Escherichia coli</i> ", <i>Methods in Enzymology</i> , 71:341-351 (1981).					
~	FN	Roujeinkova et al., "Inhibitor Binding Studies on Enoyl Reductase Reveal Conformational Changes Related to Substrate Recognition", <i>The Journal of Biological Chemistry</i> , 274(43): 30811-30817 (1999).					
~	FO	Turnowsky et al., "envM genes of <i>Salmonella typhimurium</i> and <i>Escherichia coli</i> ", <i>Journal of Bacteriology</i> , Dec. 1989 pp. 6555-6565.					
~	FP	Ward et al., "Kinetic and Structural Characteristics of the Inhibition of Enoyl (Acyl Carrier Protein) Reductase by Triclosan", <i>Biochemistry</i> , 38: 12514-12525 (1999).					
EXAMINER	MARK NAVARRO			DATE CONSIDERED 12/4/03			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE